

programma joint meeting
Brussel 13-16 Mei 1996

genotype
positives
from day 2

MONDAY, 13 MAY, 1996

- 08.00 Registration and poster mounting
- 09.00 Opening of the meeting *Bijlatch*
- Session 1: Molecular polymorphism in parasitic diseases
Chairmen: O. PUIJALON and G. RUDENKO
- 09.30 O. PUIJALON (Inst. Pasteur, Paris, France)
Polymorphism and antigenic variation in malaria parasites
M. VAN DIJK (U. Leiden, Leiden, The Netherlands)
Genetic transformation of asexual stage of *Plasmodium berghei*
- 10.00 10.15 Coffe break and posters
- 10.45 J. LUKES (Acad. Sci. C.R., Ceske Budejovice, Czech Republic)
RNA-editing in lower Kinetoplastida
- 11.00 G. RUDENKO (Nat. Canc. Inst., Amsterdam, The Netherlands)
Mechanisms of antigenic variation in *Trypanosoma brucei*
- 11.15 J.C. DUJARDIN (I.M.T., Antwerpen, Belgium)
Chromosomal size polymorphism in *Leishmania* of the *braziliensis* complex:
involvement of genes coding for key functions
- 11.30 H.T.H. NGUYEN (V.U.B., Sint Genesius Rode, Belgium)
Extrachromosomal amplified elements in *Leishmania mexicana*
- 11.45 J.H. FRANCHIMONT (Nat. Inst. Public Health and Environment, Bilthoven,
The Netherlands)
Biological diversity in *Trichinella* isolates in experimentally infected pigs
- 12.00 Lunch *Confetti Jan*
- Session 2: Mucosal layers and parasites
Chairmen: A. VERMEULEN and D. BOUT
- 14.00 A. VERMEULEN (Intervet Int., Boxmeer, The Netherlands)
Mucosal immune responses to parasitic infections
- 14.30 D. BOUT (U. Tours, Tours, France)
Mucosal immune responses against experimental toxoplasmosis. A rationale for mucosal vaccination
- 14.45 M. PAKANDL (Acad. Sci. C.R., Bratislava, Czech Republic)
Endogenous stages of rabbit coccidia use miscellaneous mucosal cells for their transport and development
- 15.00 E. NOHYNKOVA (Charles U., Prague, Czech Republic)
The effect of albendazole on organelle of attachment of mucosal parasite *Giardia intestinalis*
- 15.15 Coffee break and posters
- 15.45 H. SCHALLIG (U. Utrecht, Utrecht, The Netherlands)
Local and peripheral immune responses against *Haemonchus contortus*, the ovine abomasal parasite
- 16.00 J. DUPOUY-CAMET (C.H.U. Cochin, Paris, France)
Trichinellosis and intestinal responses
- 16.15 Ceremony of the Merck-Sharpe-Dohme Award for Parasitology
- 18.30 Visit of the « Hôtel de Ville » *Brussel*

16. N - 16.30

TUESDAY, 14 MAY, 1996

Session 3: Enzymes of parasites: what can they do ?

Chairmen: J. SCHREVEL and J. KULDA

- 09.00 J. SCHREVEL (U. Poitiers, Poitiers, France)
Parasite proteases and cell invasion
09.30 I. CESARI (I.V.I.C., Caracas, Venezuela)
Diagnostic use of parasitic enzymes
09.45 J. DE BONT (R.U.G., Gent, Belgium)
Recombinant *Schistosoma bovis* glutathion S transferase (GST) as vaccine against *S. mattheei* infections
10.00 P. LAWTON (U. ?, Lyon, France)
Echinococcus granulosus and *E. multilocularis* alkaline phosphatases: original enzymes with potential as viability markers
10.15 *Coffe break and posters*
10.45 L. TIELENS (U. Utrecht, Utrecht, The Netherlands)
Unique enzymes in the energy metabolism of parasitic helminths
11.00 J.J. VAN HELLEMOND (U. Utrecht, Utrecht, The Netherlands)
Changes in quinones and complex II of the electron-transport chain during the development of parasitic helminths
11.15 J. KULDA (Charles U., Prague, Czech Republic)
Hydrogenosomal enzymes and drug resistance
11.30 I. MOELANS (Janssen Research Foundation, Beerse, Belgium)
Evaluation of a *Plasmodium falciparum* lactate dehydrogenase assay as an *in vitro* drug susceptibility assay in a high throughput screen environment
11.45 F. OPPERDOES (I.C.P., Brussels, Belgium)
Glycolytic enzymes of parasites as drug targets
12.00 *Lunch*

Session 4: Parasite-host cell interactions

Chairmen : G. MILON and B. VRAY

- 14.00 G. MILON (Inst. Pasteur, Paris, France)
Parasitism and polarisation of immune responses
14.30 B. VRAY (U.L.B., Brussels, Belgium)
Interactions between *Trypanosoma cruzi* and macrophages
14.45 A. OUAISI (Inst. Pasteur, Lille, France)
A novel and basic mechanism of immunosuppression in Chagas'disease
15.00 D. DOBBELAERE (U. Bern, Bern, Switzerland)
Activation of cytokines and cytokine-receptors in *Theileria parva*-infected T-cells
15.15 *Coffe break and posters*
15.45 C. VERWAERDE (Inst. Pasteur, Lille, France)
Immunopathology associated with parasite infections: modulation by IL-10 expressed by recombinant adenovirus
16.00 P. DRUILHE (Inst. Pasteur, Paris, France)
Target antigens of monocyte-dependent mechanisms against blood stage of *Plasmodium falciparum*
16.15 D. BREED (Intervet Int., Boxmeer, The Netherlands)
PBL from *E. tenella* infected chickens produce gamma-interferon after stimulation in vitro
16.30 E. PINELLI (U. Utrecht, Utrecht, The Netherlands)
Development of a Th1 type of response in asymptomatic dogs infected with *Leishmania infantum*

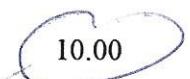
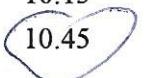
- 16.45 B. FAUGERE (Hopital Houphouet Boigny, Marseille, France)
Persistence of Leishmania-specific Th1 immune response in patients recovered from mediterranean visceral leishmaniasis
17.00 *Board meeting of the Netherlands Society for Parasitology*
Board meeting of the Belgian Society for Parasitology

- 20.00 *Banquet at the Atomium and Bangne + Rendez-Vous at the*

WEDNESDAY, 15 MAY, 1996

Session 5: Parasites, pregnancy and foeto-maternal relationship

Chairmen: W. ELING and Y. CARLIER

- 09.00 Y. CARLIER (U.L.B., Brussels, Belgium)
Immunological foeto-maternal relationship in parasitosis
09.30 D. BUZONI-GATEL (U. Tours, Tours, France)
Immunological studies in experimental congenital toxoplasmosis
09.45 A. NAESESENS (A.Z.-V.U.B., Brussels, Belgium)
Early diagnosis of congenital toxoplasmosis in the neonatal period: results of a multicenter study

10.00 E. SCHOONDERMARK-VAN DE VEN (U. Nijmegen, Nijmegen, The Netherlands)
Treatment of congenital toxoplasmosis: an experimental study in monkeys
10.15 *Coffee break at the Museum of Medecine*

10.45 W. ELING (U. Nijmegen, Nijmegen, The Netherlands)
Loss of anti-malaria immunity during pregnancy
11.00 N. FIEVET (ORSTOM/OCEAC, Yaounde, Cameroun)
Malaria cellular immune responses in neonates from Cameroon
11.15 M. MIKULECKÝ (Comenius U., Bratislava, Slovakia)
Toxocarosis and pregnancy - an unresolved and unsolved problem
11.30 *Lunch*

Session 6: Advances in parasitic control

Chairmen : P. DORNY and S. GEERTS

- 13.30 P. DORNY (U. Gent, Gent, Belgium)
Advances in helminth control in ruminants
14.00 J. CABARET (I.N.R.A., Tours, France)
Host resistance versus parasite adaptation: examples in ruminants
14.15 S. GEERTS (I.M.T., Antwerpen, Belgium)
Trypanosomal drugs : laboratory and field evaluation of novel controlled release systems
14.30 D. DEMEULENAERE (R.U.G., Merelbeke, Belgium)
Comparative studies of ivermectin and moxidectin in the control of naturally acquired cyathostome infections in horses
14.45 F. VERCAMMEN (I.M.T., Antwerpen, Belgium)
Experimental canine babesiosis: duration of protective immunity after homologous and heterologous challenge
15.00 *Coffe break and posters* 

Session 7: Vector-parasite interactions and vector control :

Chairmen: L. GRUBHOFFER and J. VAN DEN ABEELE

- 15.30 L. GRUBHOFFER: (Acad. Sci. C.R., Ceske Budejovice, Czech Republic)
Surface molecules involved in interactions of vector-pathogens
16.00 F. DUSBABEK (Acad. Sci. C.R., Ceske Budejovice, Czech Republic)
Recent possibilities of pheromone application in tick control
16.15 J. KOPECKÝ (Acad. Sci. C.R., Ceske Budejovice, Czech Republic)
Immunomodulatory effect of tick saliva
16.30 J. VAN DEN ABEELE (I.M.T., Antwerpen, Belgium)
Development of *Trypanosoma brucei* in tsetse fly.
16.45 P. VOLF (Charles U., Prague, Czech Republic)
~~Immunosuppression effect of *Rhodnius prolixus* saliva~~
17.00 *Closure of the meeting* 